REMARKS/ARGUMENTS

Claims 1-20 are pending. By this Amendment, claims 1 and 4-7 is amended. Support for the amendments to claims 1 and 4-7 can be found, for example, in the present specification at paragraphs [0012], [0017], [0025], and [0027], and in previously presented claims 1 and 4-7. No new matter is added. In view of the foregoing amendments and following remarks, reconsideration and allowance are respectfully requested.

Rejections Under 35 U.S.C. §103

A. <u>Ikeda, Fukuoka, and Azuma</u>

The Office Action rejects claims 1-5 and 8-20 under 35 U.S.C. §103(a) over WO 03/087023 to Ikeda et al. ("Ikeda")* in view of JP 2003-272857 to Fukuoka et al. ("Fukuoka"), and JP 2000-007604 to Azuma et al. ("Azuma"). Applicants respectfully traverse the rejection.

Claim 1 is set forth above. <u>Ikeda, Fukuoka,</u> and <u>Azuma</u> do not disclose or suggest such a device.

In view of the amendments to claim 1 set forth above, formula (I) of claim 1 does not encompass compounds (A1) and (A2) of <u>Ikeda</u>, and formula (II) of claim 1 does not encompass compound (B10) of <u>Ikeda</u>. Accordingly, the compounds of <u>Ikeda</u> identified in the Office Action (*see* pages 6 to 7) are not compounds according to formulae (I) to (IX) of claim 1.

While <u>Fukuoka</u> discloses a laminate having a structure similar to that recited in claim 1, <u>Fukuoka</u> does not disclose a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1. In Example 1 of <u>Fukuoka</u> and Comparative Example 1 of

^{*} Discussion of <u>Ikeda</u> is made with reference to U.S. Patent Application Publication No. US 2005/0214565, which the Office Action asserts is an English-language equivalent of Ikeda.

the present specification, DPVDPAN is used as a host material. *See* present specification, paragraph [0084]. Comparing Comparative Example 1 and Examples of the present specification, it is apparent that all of the Examples exhibit better thermal stability and strikingly prolonged lifetime in comparison to Comparative Example 1. *See* present specification, paragraph [0086] (Table 1).

Azuma does not disclose a light emitting layer including a compound according to formulae (I) to (IX) of claim 1.

In view of the foregoing, <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u> do not disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1, or the advantageous effect resulting therefrom. Accordingly, one of ordinary skill in the art would not have been led to the particular combination of features recited in claim 1 by the teachings of <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u>.

As explained, claim 1 would not have been rendered obvious by <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u>. Claims 2-4 and 8-20 depend from claim 1 and, thus, also would not have been rendered obvious by <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u>. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

B. Ikeda, Fukuoka, Azuma, and Suzuki

The Office Action rejects claims 6 and 7 under 35 U.S.C. §103(a) over <u>Ikeda</u> in view of <u>Fukuoka</u>, <u>Azuma</u>, and U.S. Patent Application Publication No. US 2002/0177009 to Suzuki et al. ("<u>Suzuki</u>"). Applicants respectfully traverse the rejection.

For the reasons discussed above, <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u> do not disclose or suggest each and every feature of claim 1. <u>Suzuki</u> does not remedy the deficiencies of <u>Ikeda</u>, <u>Fukuoka</u>, and <u>Azuma</u>. <u>Suzuki</u> is cited for its alleged disclosure of an organic luminescent

device including an asymmetric pyrene compound. See Office Action, page 10. However, in view of the amendments to claim 1 set forth herein, compound 27 of Suzuki, which is relied on in the Office Action (see pages 10 to 12), does not fall within the scope of formula (V) of claim 1. Accordingly, Suzuki, like Ikeda, Fukuoka, and Azuma, fails to disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1, or the advantageous effect resulting therefrom. The combination of references fails to disclose or suggest each and every feature of claim 1.

As explained, claim 1 would not have been rendered obvious by <u>Ikeda</u>, <u>Fukuoka</u> and <u>Suzuki</u>. Claims 6 and 7 depend from claim 1 and, thus, also would not have been rendered obvious by <u>Ikeda</u>, <u>Fukuoka</u> and <u>Suzuki</u>. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

C. Aziz, Shi, Fukuoka, and Azuma

The Office Action rejects claims 1-5, 8-15, 17, 19, and 20 under 35 U.S.C. §103(a) over EP 1385221 to Aziz et al. ("Aziz") in view of EP 1009044 to Shi et al. ("Shi"), Fukuoka, and Azuma. Applicants respectfully traverse the rejection.

Claim 1 is set forth above. Aziz, Shi, Fukuoka, and Azuma do not disclose or suggest such a device.

As conceded in the Office Action, <u>Aziz</u> does not specifically disclose asymmetric compounds falling within the scope of claim 1. *See* Office Action, pages 13 to 14. However, the Office Action relies on <u>Shi</u> for its disclosure of particular compounds. The compounds of <u>Shi</u>, however, are compounds for a hole transport layer. The luminescent region described in <u>Aziz</u> includes a hole transport zone, a light emitting zone, and an electron transport zone. *See* Aziz, paragraph [0010]. To the extent that a skilled artisan would incorporate the

compounds of the <u>Shi</u> into the structures of <u>Aziz</u>, the compounds would be used in the hole transport zone of <u>Aziz</u> (not a light emitting layer). Thus, <u>Aziz</u> and <u>Shi</u> do not disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1.

It is shown above that <u>Fukuoka</u> and <u>Azuma</u> also do not disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1.

In view of the foregoing, <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, and <u>Azuma</u> do not disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1, or the advantageous effect resulting therefrom. Accordingly, one of ordinary skill in the art would not have been led to the particular combination of features recited in claim 1 by the teachings of <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, and <u>Azuma</u>.

As explained, claim 1 would not have been rendered obvious by <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, and <u>Azuma</u>. Claims 2-5, 8-15, 17, 19, and 20 depend from claim 1 and, thus, also would not have been rendered obvious by <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, and <u>Azuma</u>. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

D. Aziz, Shi, Fukuoka, Azuma, and Ikeda

The Office Action rejects claims 16 and 18 under 35 U.S.C. §103(a) over <u>Aziz</u> in view of <u>Shi</u>, <u>Fukuoka</u>, <u>Azuma</u>, and <u>Ikeda</u>. Applicants respectfully traverse the rejection.

For the reasons discussed above, <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, and <u>Azuma</u> do not disclose or suggest disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) of claim 1 and a compound of formula (iii) of claim 1

according to the requirements set forth in claim 1. It is likewise shown above that <u>Ikeda</u> does not disclose or suggest a light emitting layer including the combination of one or more compounds of formulae (I) to (IX) and a compound of formula (iii) according to the requirements set forth in claim 1. Accordingly, the combination of references fails to disclose or suggest each and every feature of claim 1.

As explained, claim 1 would not have been rendered obvious by <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, <u>Azuma</u>, and <u>Ikeda</u>. Claims 16 and 18 depend from claim 1 and, thus, also would not have been rendered obvious by <u>Aziz</u>, <u>Shi</u>, <u>Fukuoka</u>, <u>Azuma</u>, and <u>Ikeda</u>. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

Conclusion

For the foregoing reasons, Applicants submit that claims 1-20 are in condition for allowance. Prompt reconsideration and allowance are respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,

MAIER & NEUSTADT, L.L.P.

Customer Number

22850

Tel: (703) 413-3000 Fax: (703) 413 -2220 (OSMMN 07/09) Richard L. Treamer Attorney of Record

Registration No. 36,3/79

Jacob A. Doughty

Registration No. 46,671